



**Recommendation for  
Water & Wastewater Commission**

<b>Commission Meeting Date:</b>	January 8, 2020
<b>Council Meeting Date:</b>	January 23, 2020
<b>Department:</b>	Public Works
<b>Client:</b>	Charles Celauro, Bill Stauber, Gabriel Castano
<b>SUBJECT</b>	
<p>Authorize award and execution of a construction contract with PLW Waterworks, LLC, for the Walnut Creek Wastewater Treatment Plant Sludge Thickener Rehabilitation project in the amount of \$9,155,900 plus a \$915,590 contingency, for a total contract amount not to exceed \$10,071,490.</p>	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
<p>Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.</p>	
<b>Purchasing Language:</b>	Lowest responsive bid of four bids received through a competitive Invitation for Bid solicitation.
<b>Prior Council Action:</b>	N/A
<b>Boards and Commission Action:</b>	To be reviewed by the Water and Wastewater Commission on January 8, 2020.
<b>MBE/WBE:</b>	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 33.15% MBE and 0.72% WBE participation.

The Walnut Creek Wastewater Treatment Plant (WWTP) is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) with a peak flow of 165 MGD. The plant currently averages between approximately 60 MGD with peaking flows in excess of 165 MGD during large rain events. The Walnut Creek WWTP has faced increased difficulty in maintaining a reliable thickening process and delivering thickened sludge to the Hornsby Bend Bio Solids Management Plant. The existing gravity sludge thickener and equipment was constructed in 1977 and is in very poor condition and beyond useful life. Replacement of the existing gravity sludge thickener and the equipment is necessary to restore reliability to the thickening process.

The work consists of demolition and rehabilitation of the existing gravity sludge thickener internal mechanism and associated components, complete demolition and replacement of the existing thickened sludge pumps, construction of a new electrical building, replacement of existing yard piping, pump station piping, valves, ventilation and odor control, controls and instrumentation, electrical, temporary thickening equipment, and other miscellaneous items.

This item includes two allowances. The allowance of \$50,000 will be used for crack injection and/or thickener tank repairs. The allowance of \$100,000 will be used to address potential unforeseen pipe alignment adjustments. An allowance is an amount that is specified and included in the construction contract or specifications for a certain item(s) of work whose details are not yet determined at the time of bidding.

The work will occur entirely within a non-public area of the plant; therefore, construction activities will not affect the traveling public. Failure to construct this project in a timely manner may result in unplanned equipment and/or electrical failures.

Due to the potential for unknown conditions when working in an operating wastewater treatment facility, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 500 calendar days for completion of this project. This project is located within zip code 78724 (District 1).

PLW Waterworks, LLC is located in The Woodlands, Texas.

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents](#).